

ABSTRACT



A method for enabling provision of service-levels in an Ethernet-over-synchronous communication network, ~~the~~

5 ~~method comprising~~by:

_____receiving Ethernet frames at an input rate;

_____mapping ~~said~~the Ethernet frames into a synchronous protocol;

_____generating a pause signal after a received
10 amount of ~~said~~ Ethernet frames reaches or exceeds a threshold capacity level, ~~said~~the pause signal being generated in accordance with a service-level agreement (SLA) determining an output rate based upon an aggregate rate enabled by K memory containers out of N available
15 memory containers, where K and N are integers; and

_____outputting the mapped data frames from the K memory containers thereby providing synchronous transmissions at ~~said~~the output rate.